

ABSTRACT OF THE INVENTION

5 A system and associated communication protocol enables Internet  
compatible applications to be integrated into any process involving concurrent  
operation of applications. A system employed by a first application for supporting  
concurrent operation of a plurality of network compatible applications involves an  
entitlement processor for authorizing user access to the first application in response to  
validation of user identification information. The system also involves a  
10 communication processor for communicating a session initiation request to a  
managing application to initiate generation of a session identifier particular to a user  
initiated session and for use by a plurality of concurrently operating applications to  
uniquely identify the user initiated session in response to validation of user  
identification information. The managing application also initiates generation of an  
15 encryption key particular to a user initiated session for common use by a plurality of  
concurrently operating applications in encrypting data associated with a personal  
record.